

Replication of RSV subgroup A mutants in the lungs of
BALB/c mice correlates with replication in the nasopharynx
of seronegative chimpanzees

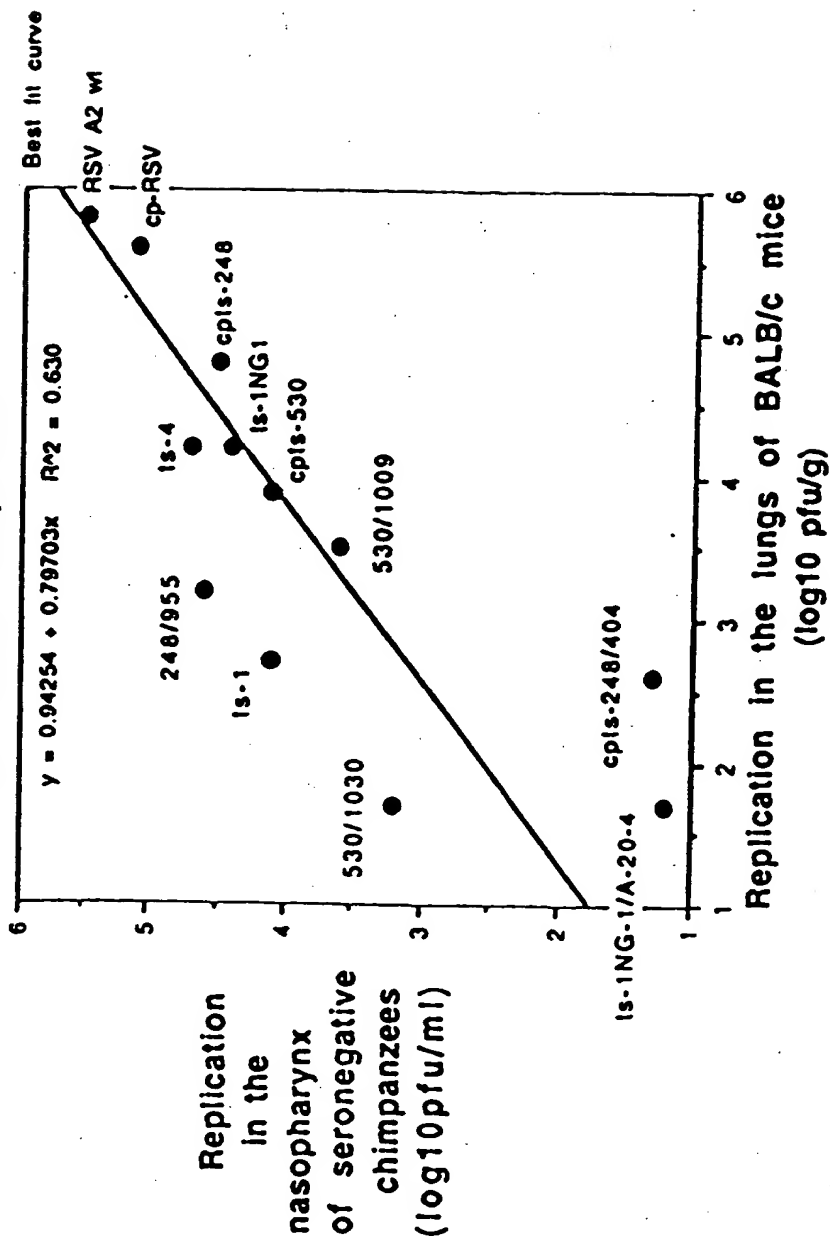


FIG. 1

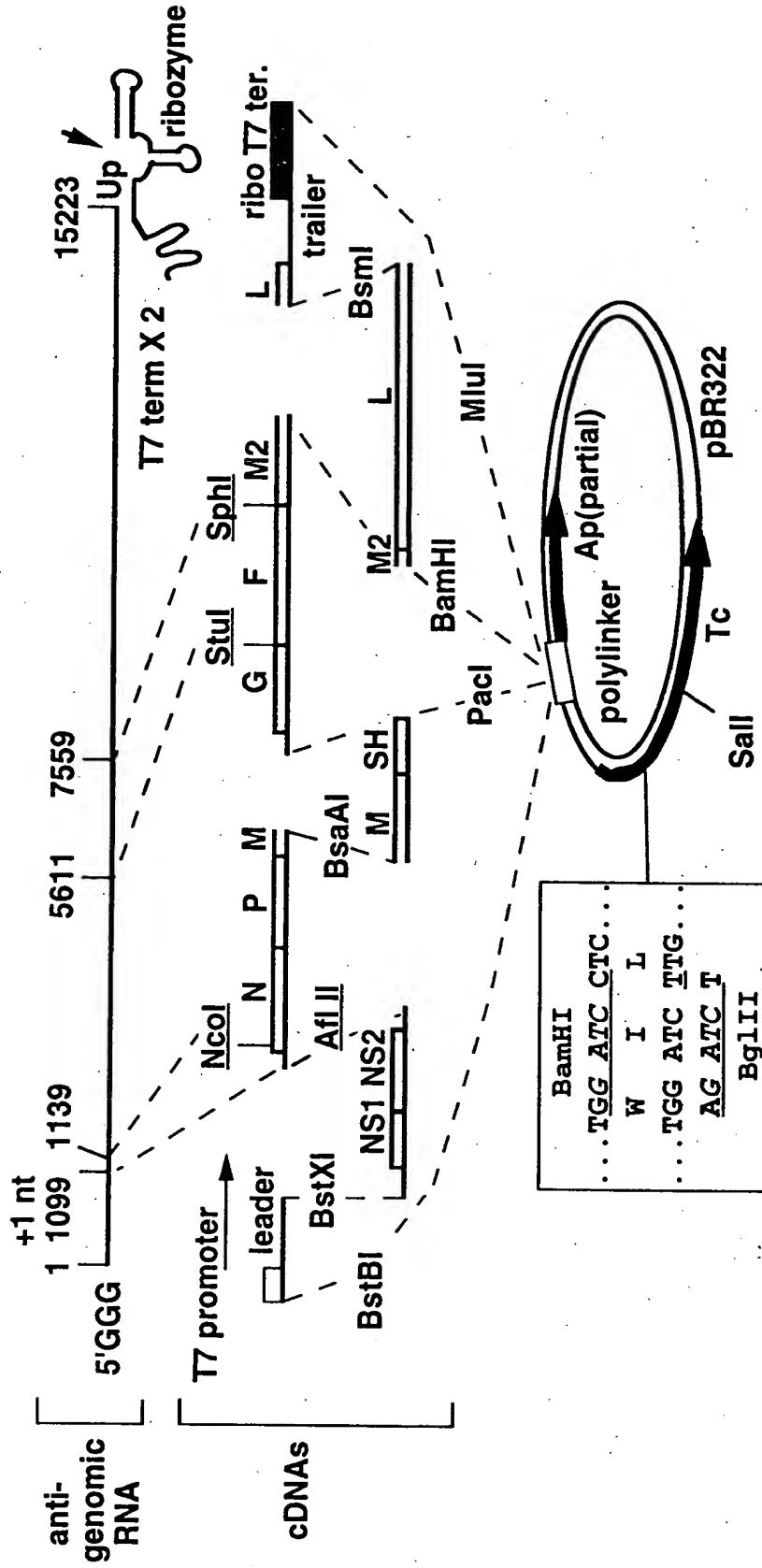
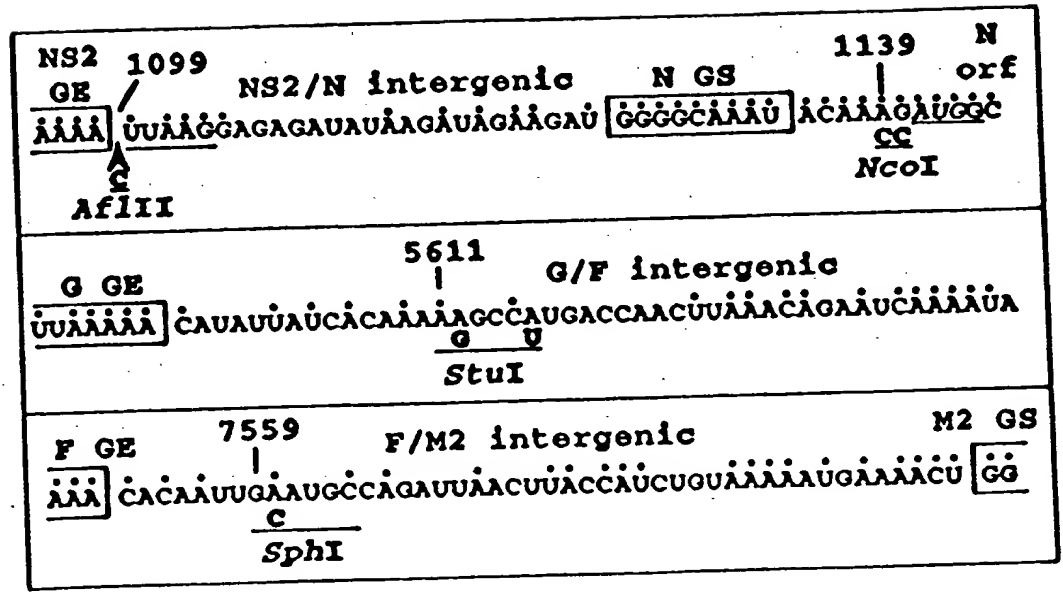


Fig. 2

09444067-11999

FIG. 3



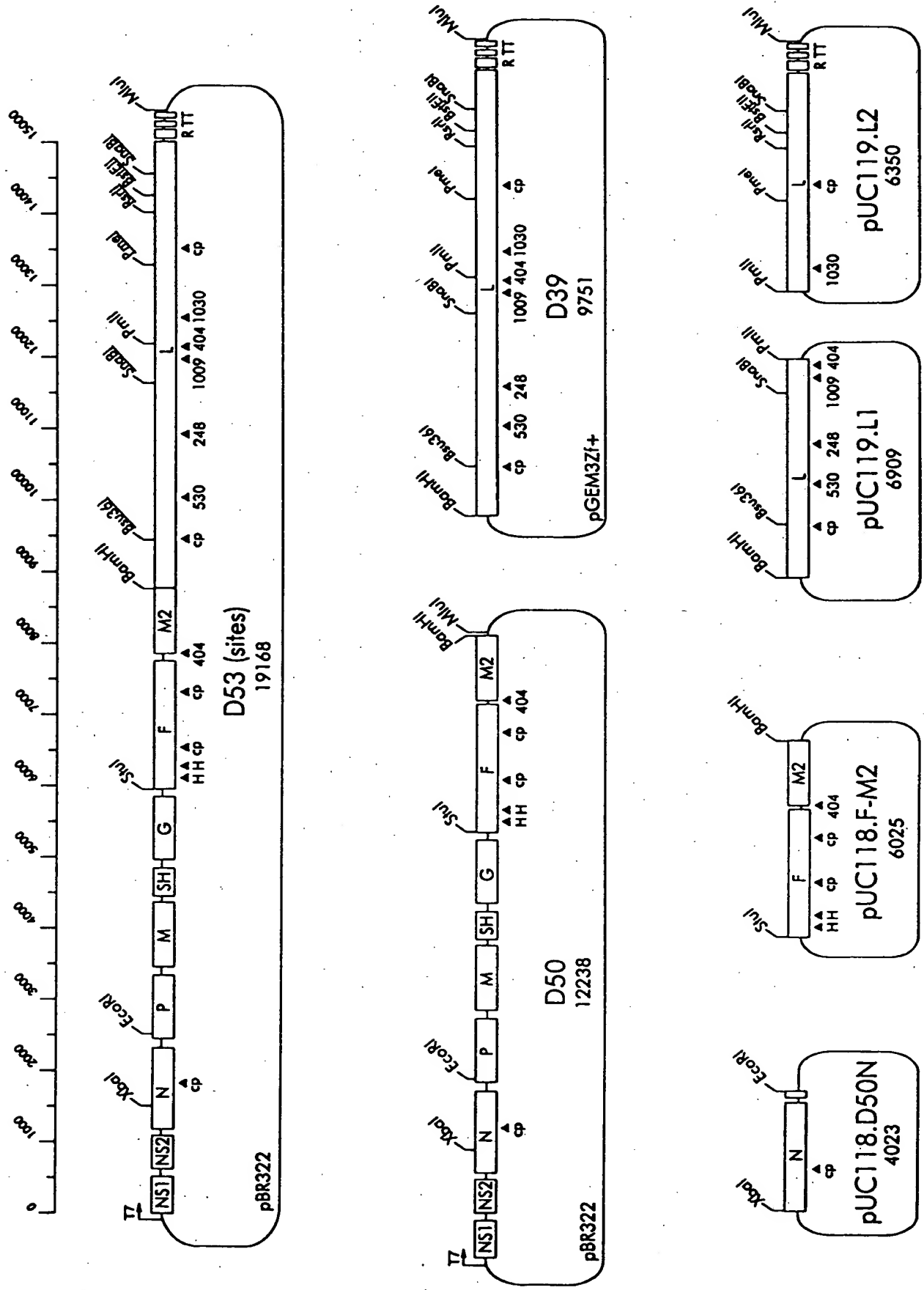


FIG. 4

Reduction in virus titer
(log₁₀) pfu at 40°C
compared to 32°C

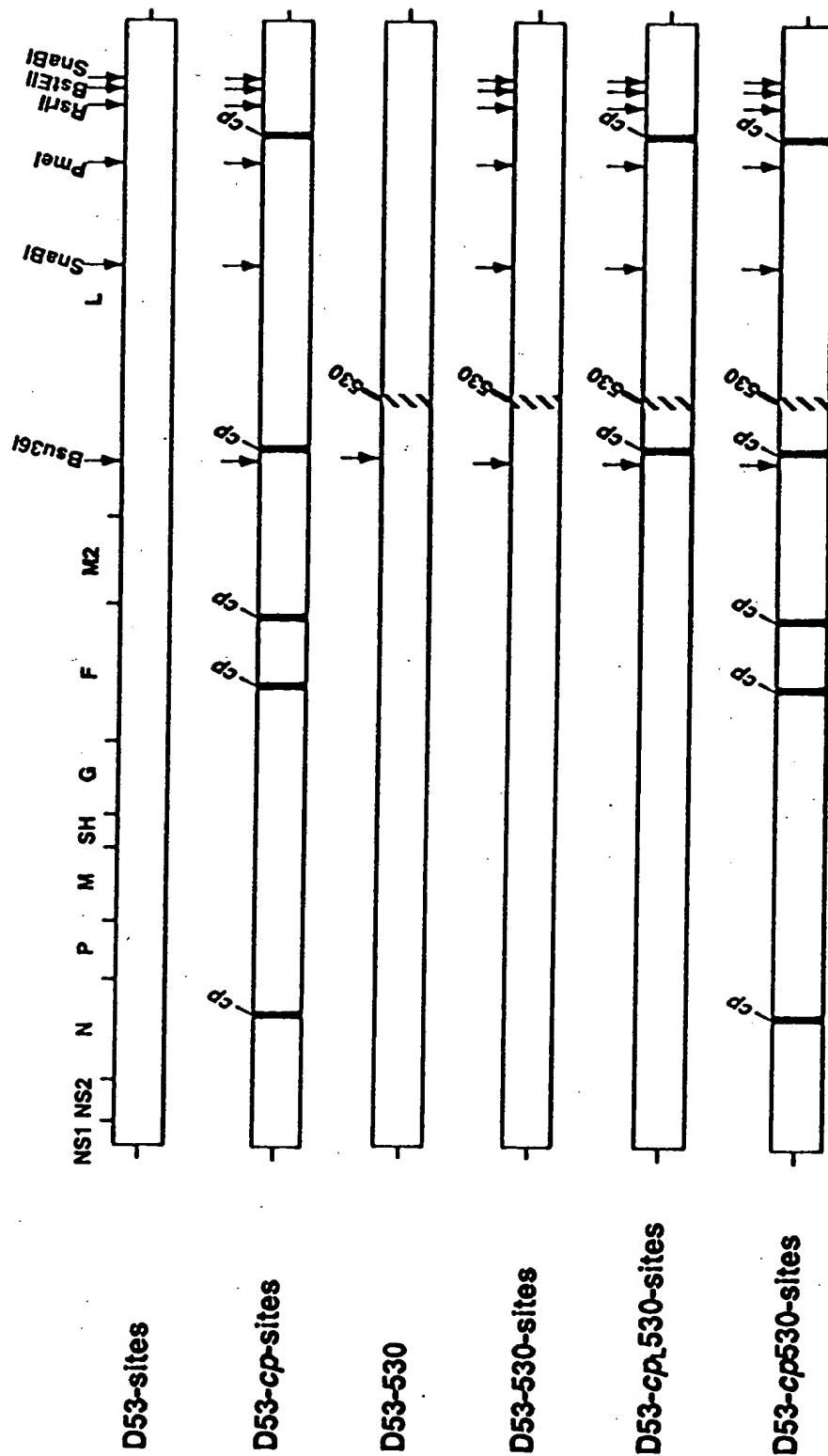


FIG. 5

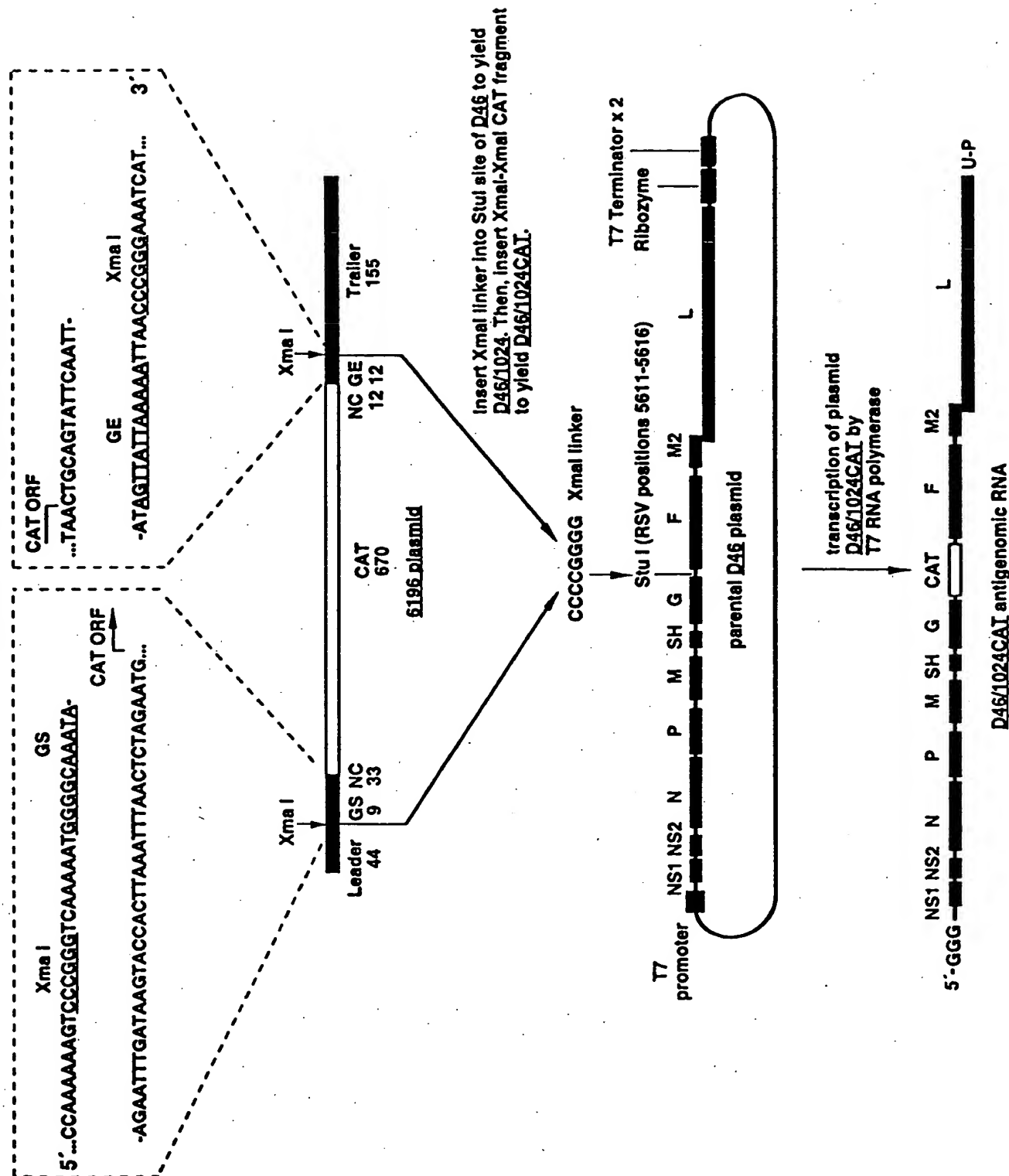


FIG. 6

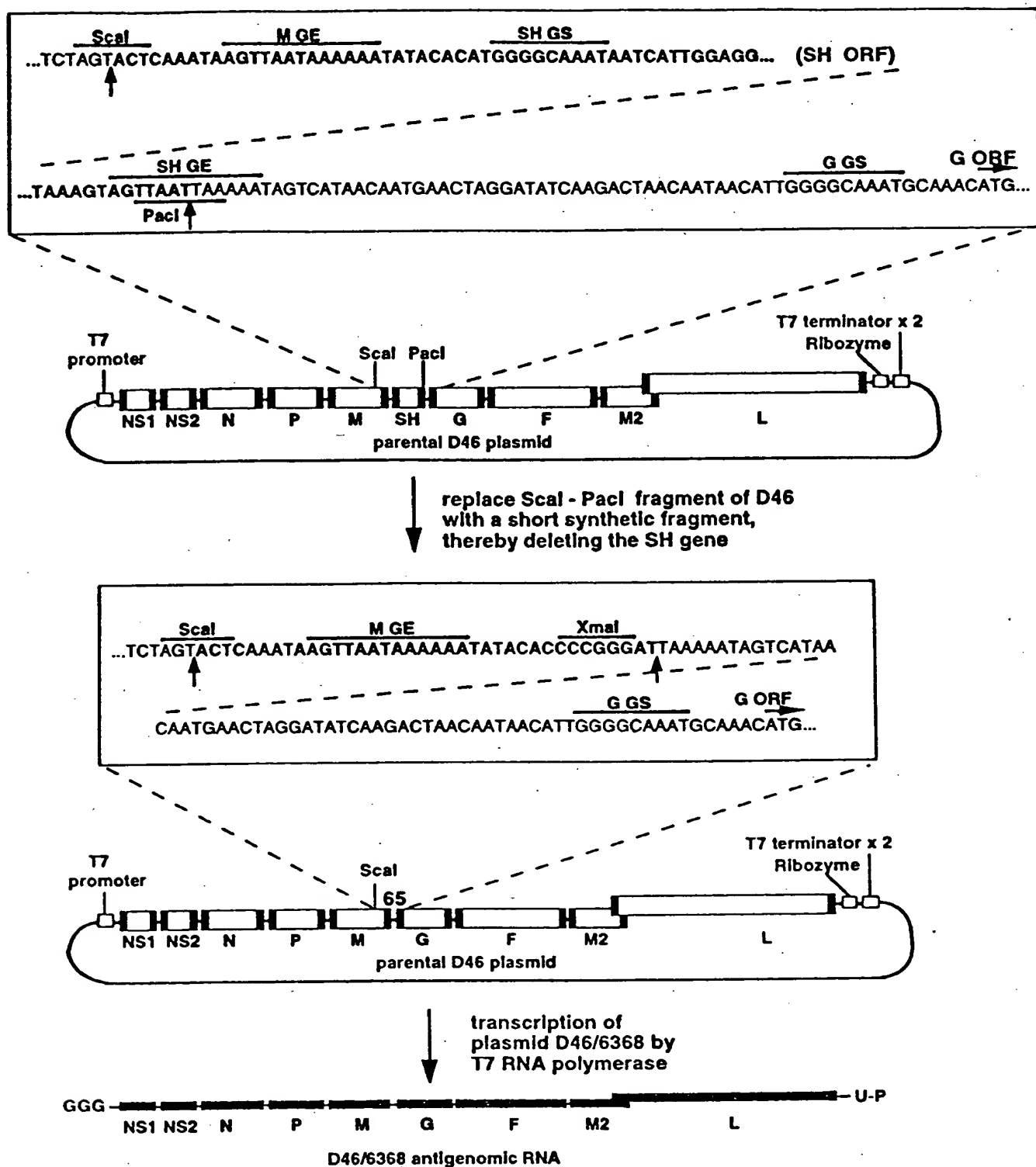


FIG. 7

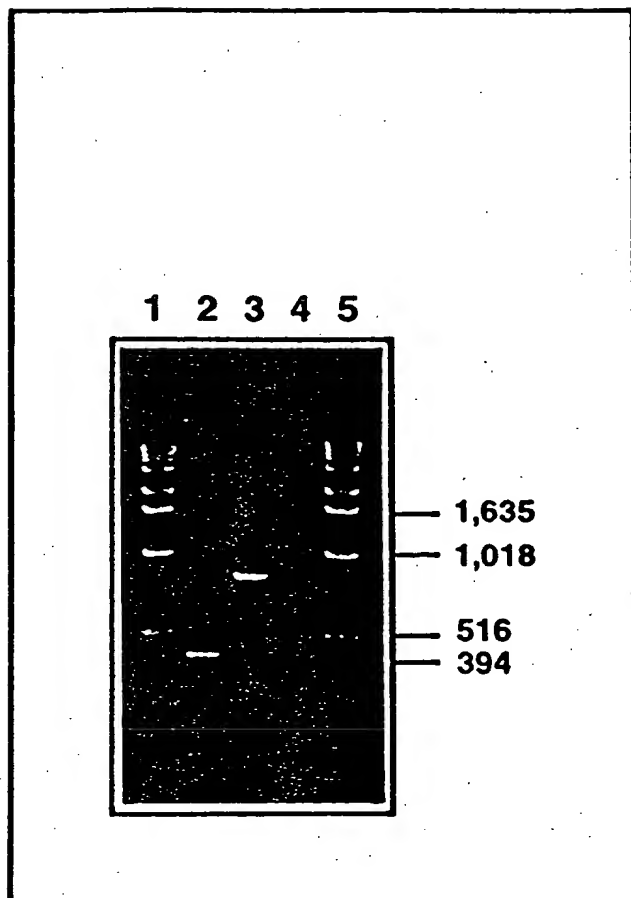


FIG. 8

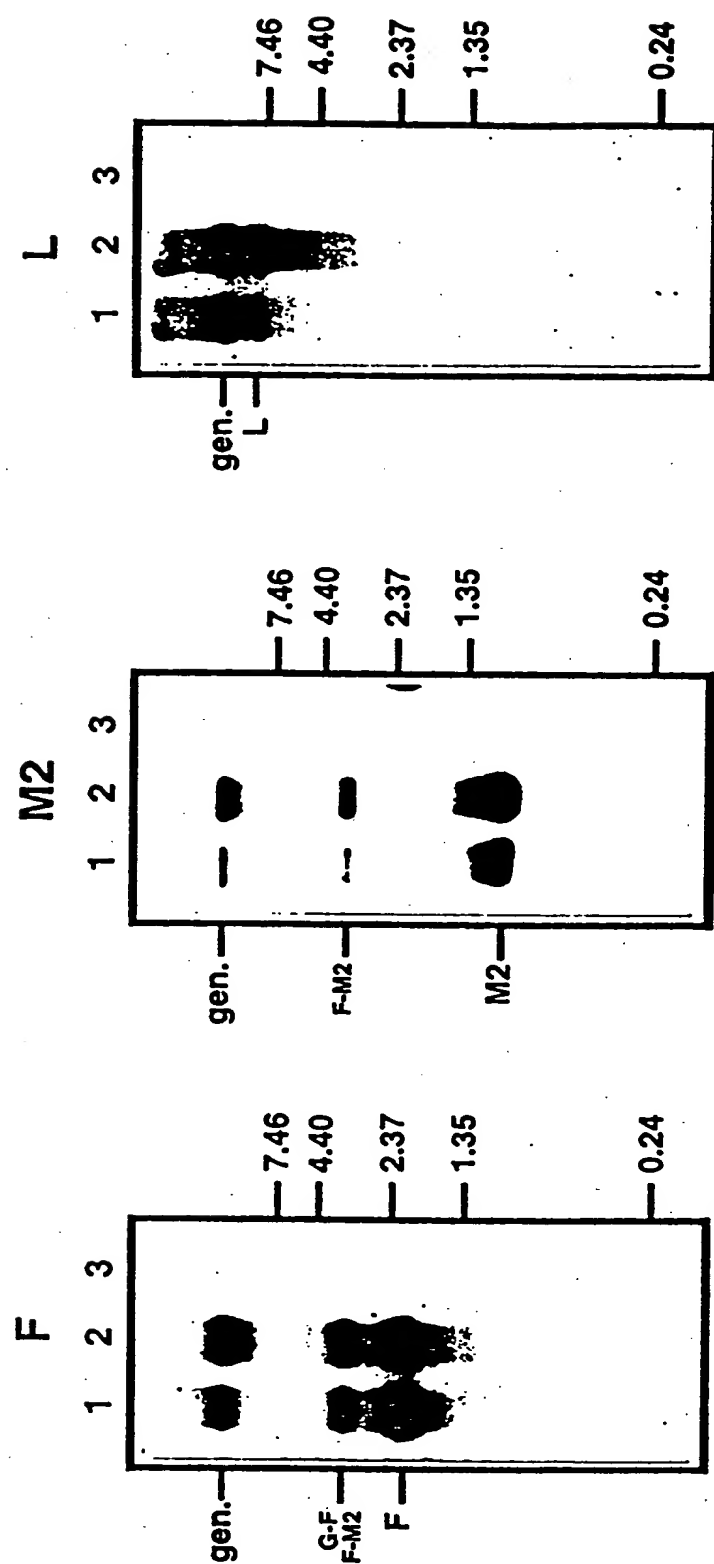
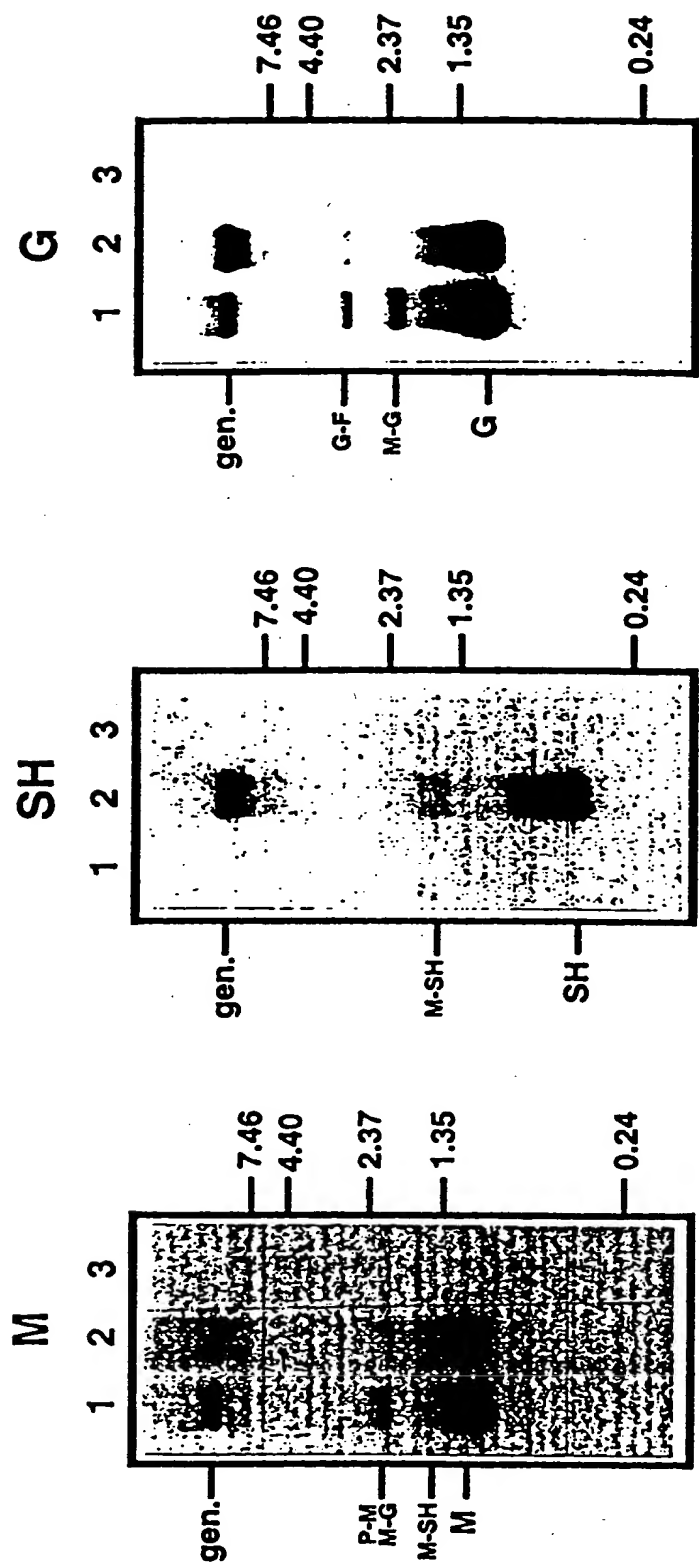


FIG. 9

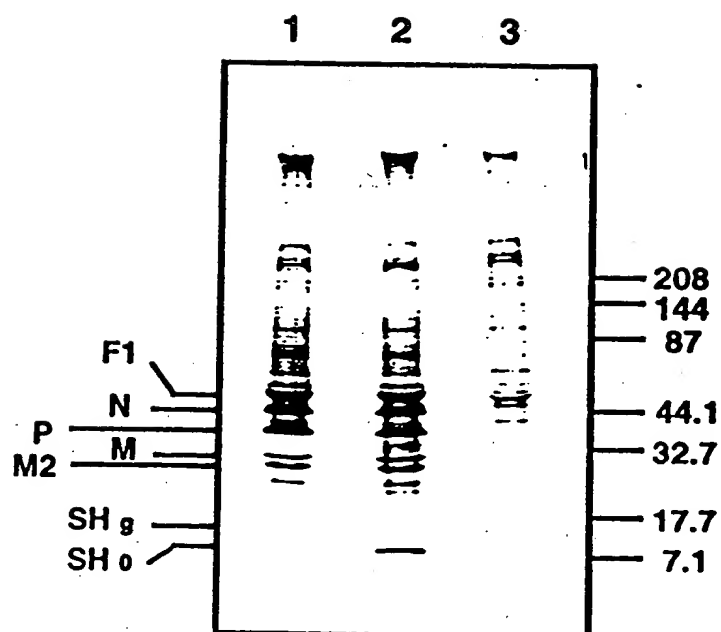


FIG. 10

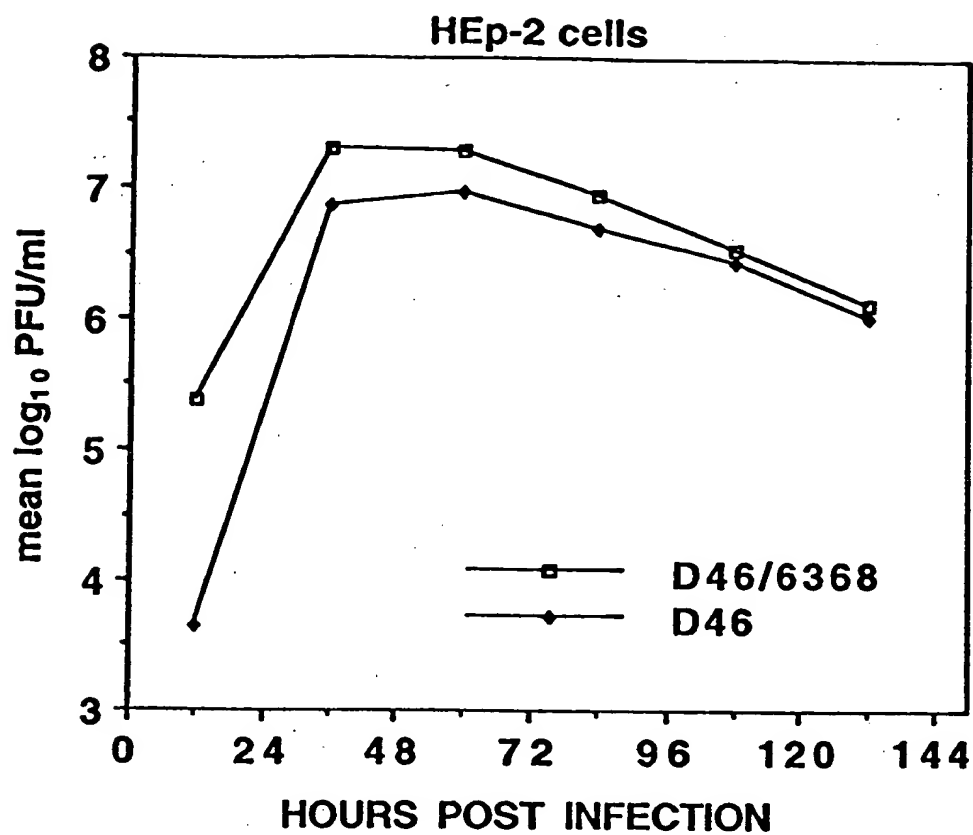


FIG. 11

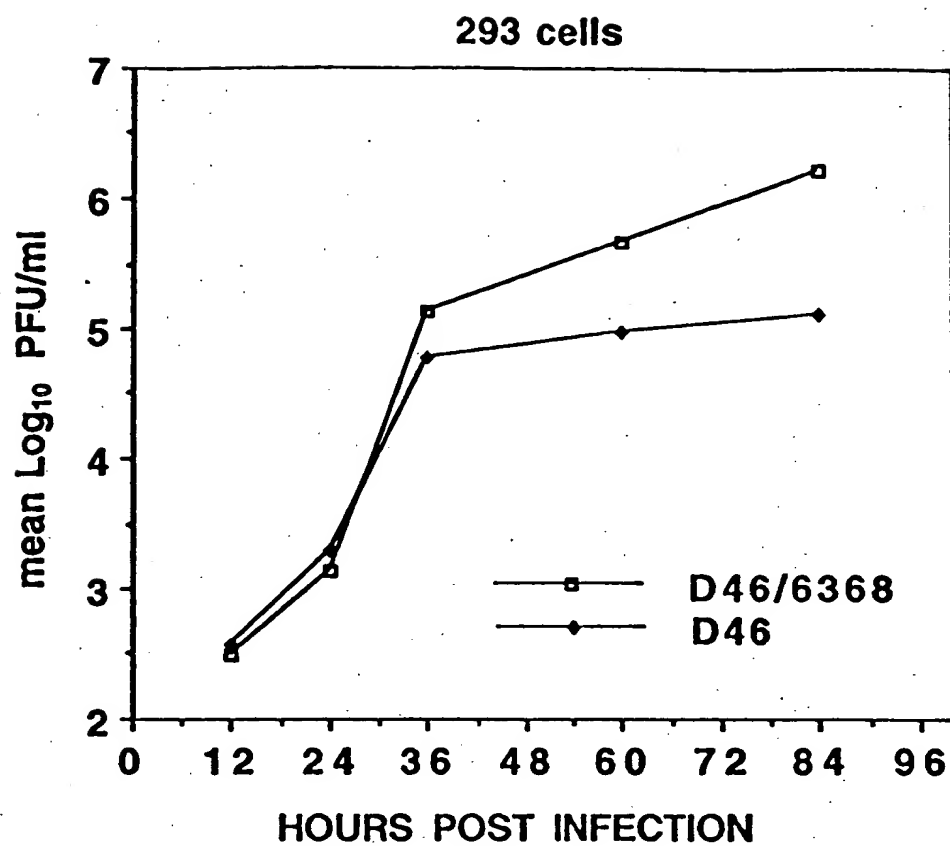


FIG. 12

09444067 1159

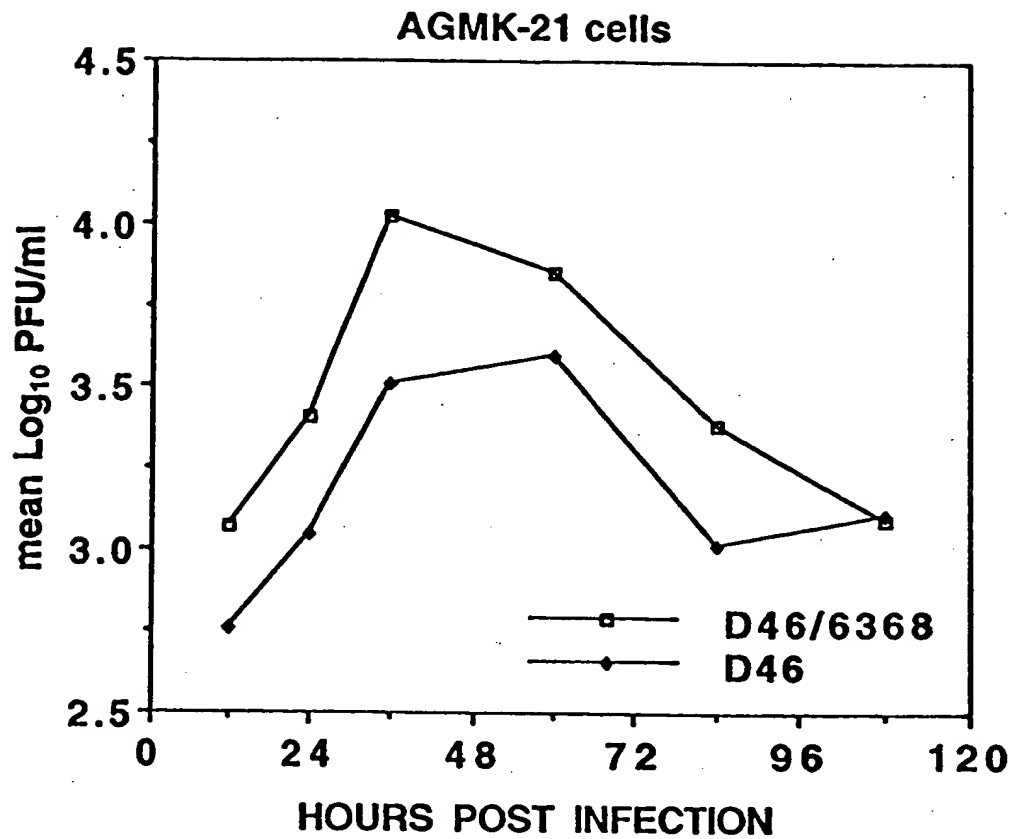


FIG. 13

09444057 11950

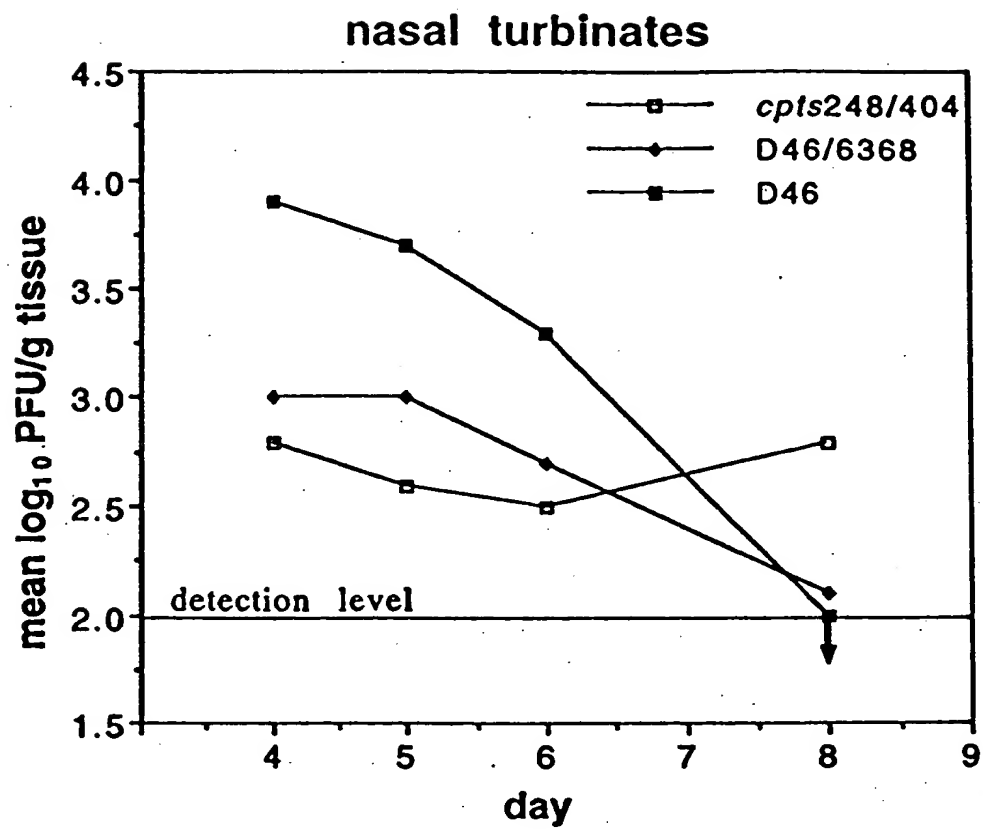


FIG. 14

65611-2904460

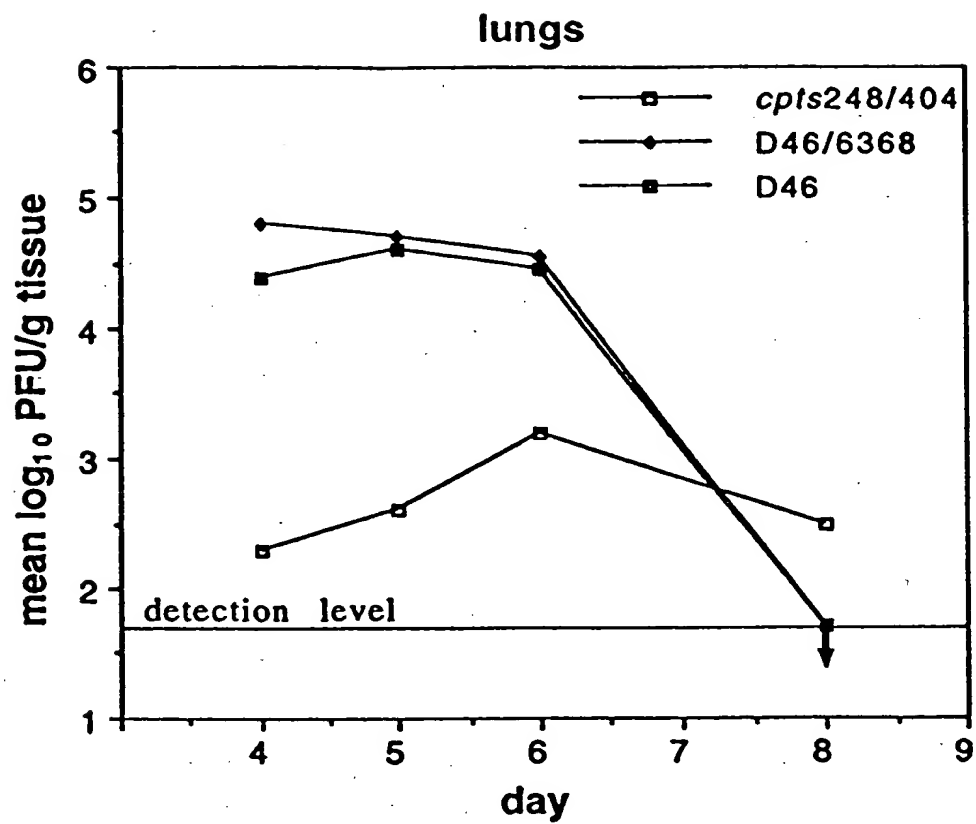


FIG. 15

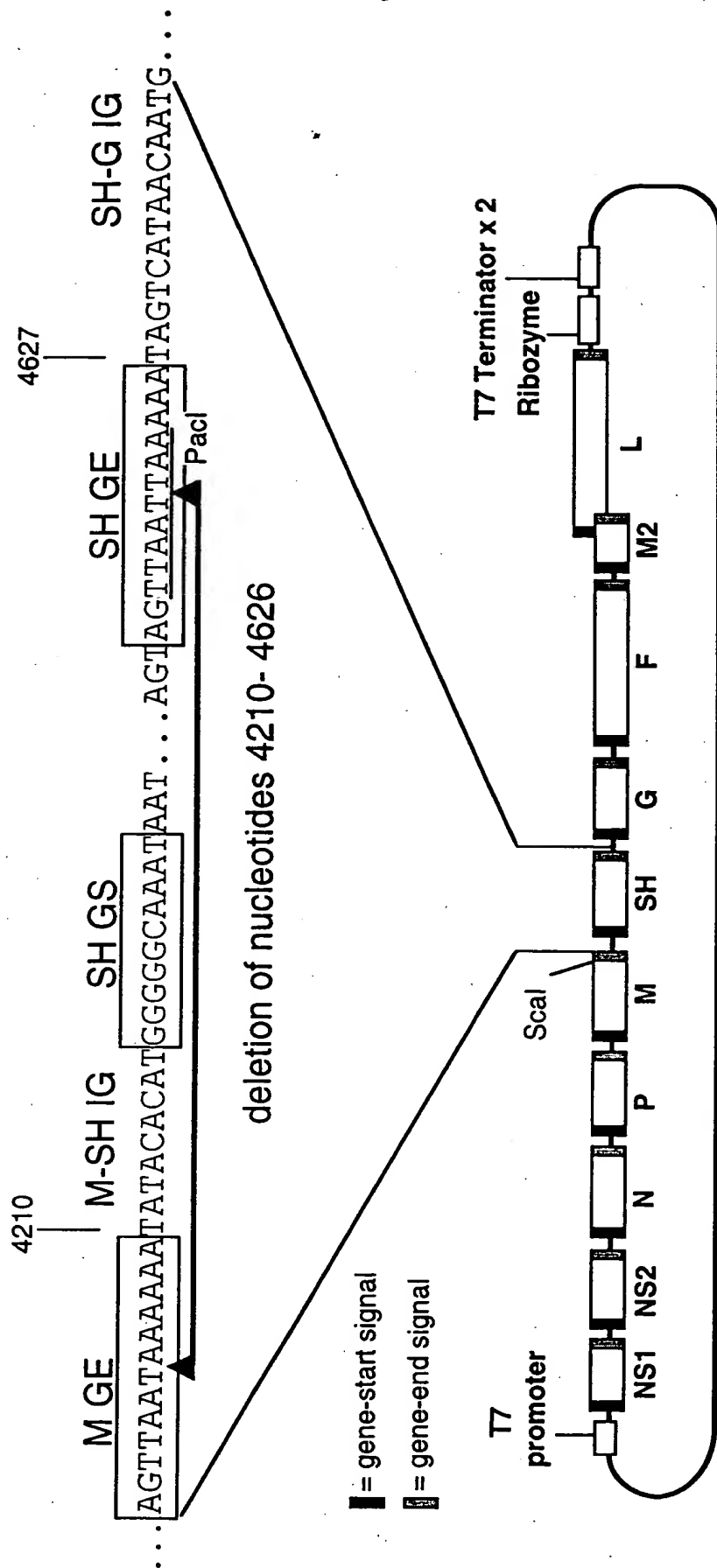
The SH-minus mutant has a steeper gradient of polar transcription

Relative mRNA abundance: SH-minus / wild type				
M	G	F	M2	L
1.1	1.3	0.61	0.32	0.17

Positions of genes in 3'-5' map				
	5	6	7	10
WT:	3'- M - SH - G - F - M2 - L			
	5	6	9	
SH-minus:	3'- M - - - - G - F - M2 - L			

FIG. 16

09444067.1159



Deletion of the complete SH gene.
 Note:- the intergenic regions which remain were unaltered in length, and no heterologous sequence was added

Fig. 17

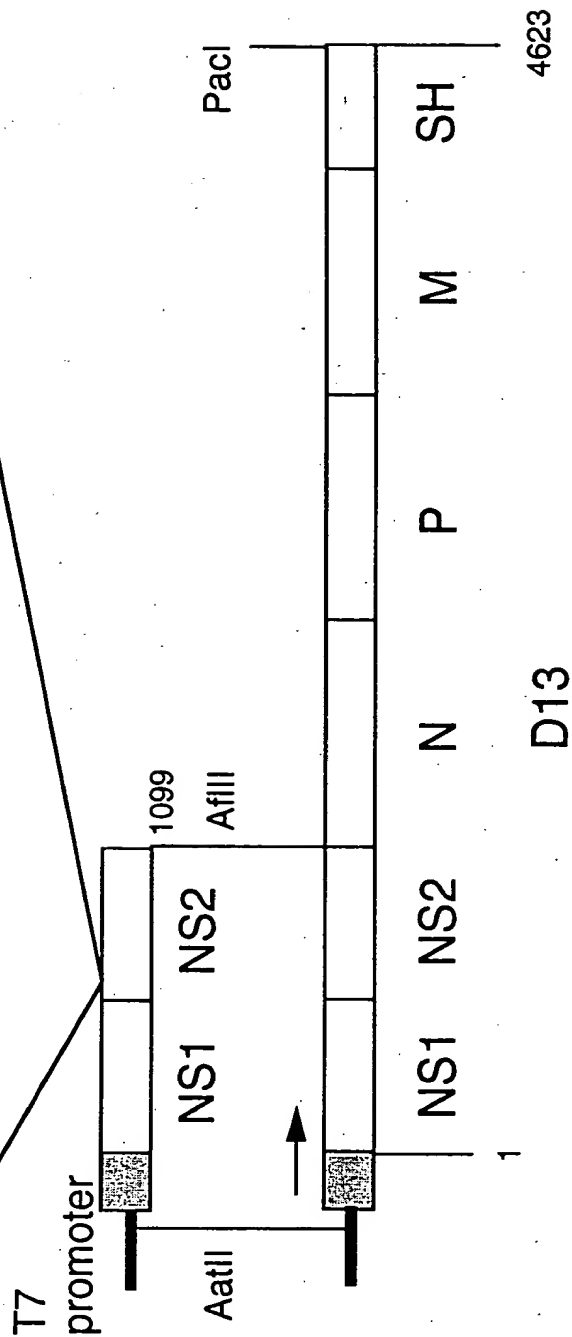
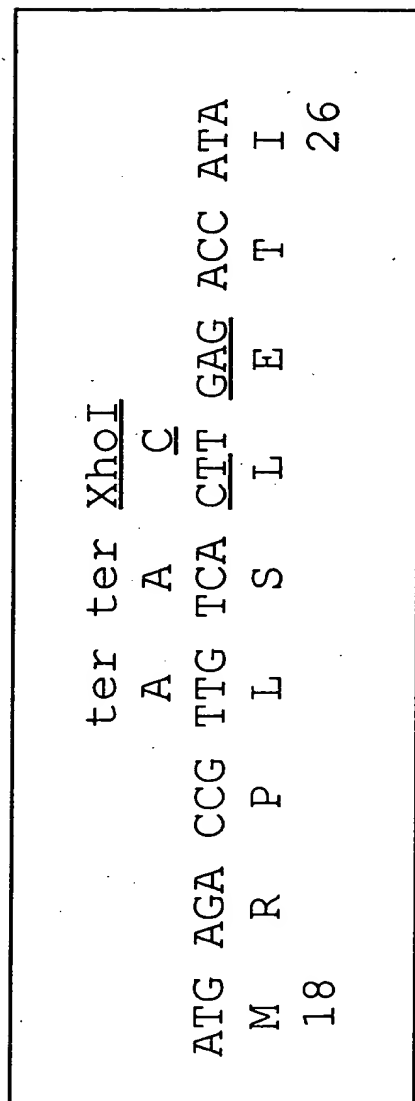


Fig. 18

Insertion of two tandem translational stop codons into the NS2 translational open reading frame to ablate expression of the encoded protein

Growth Curve of NS2 Knockout Viruses

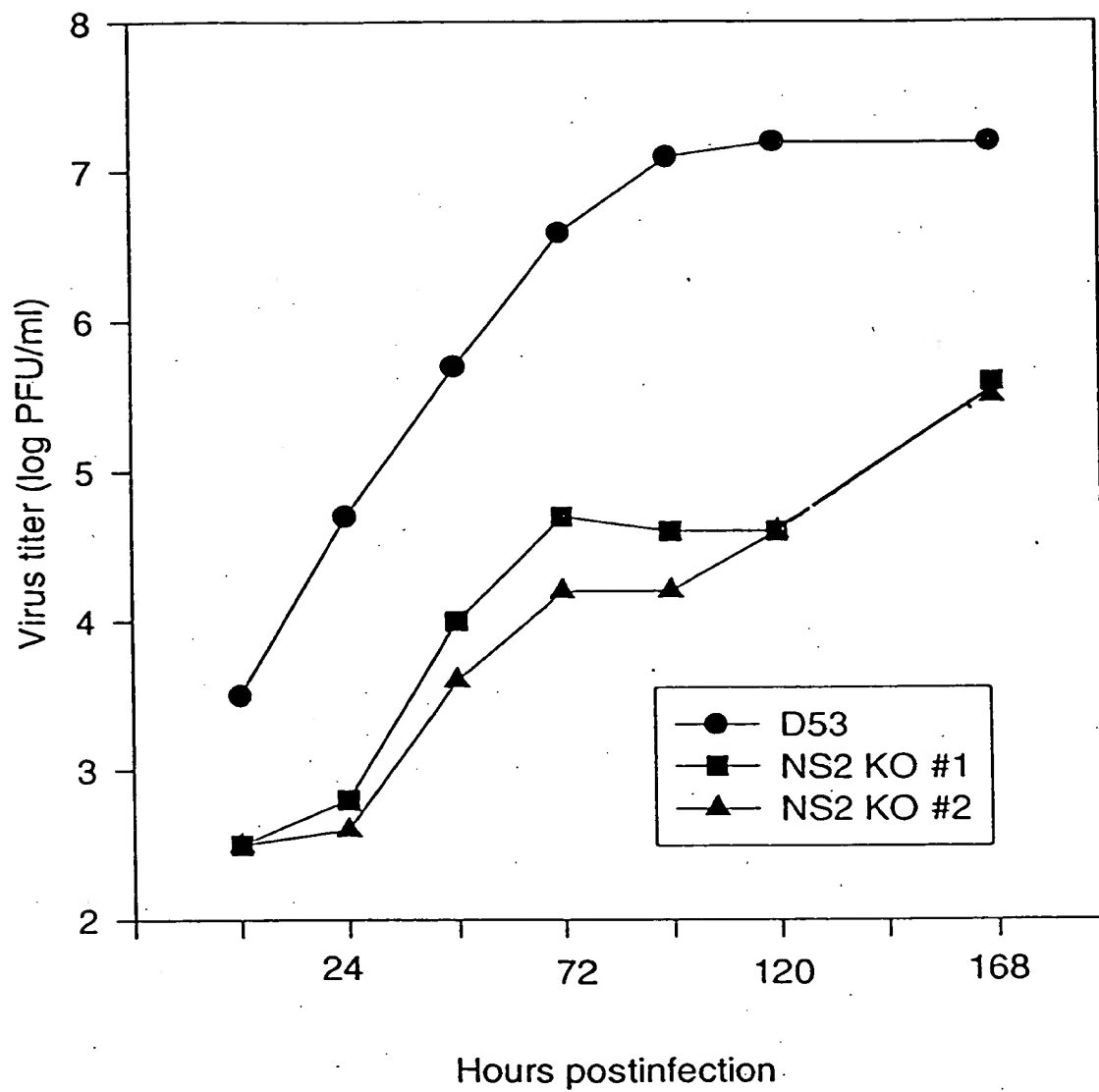


Fig. 19

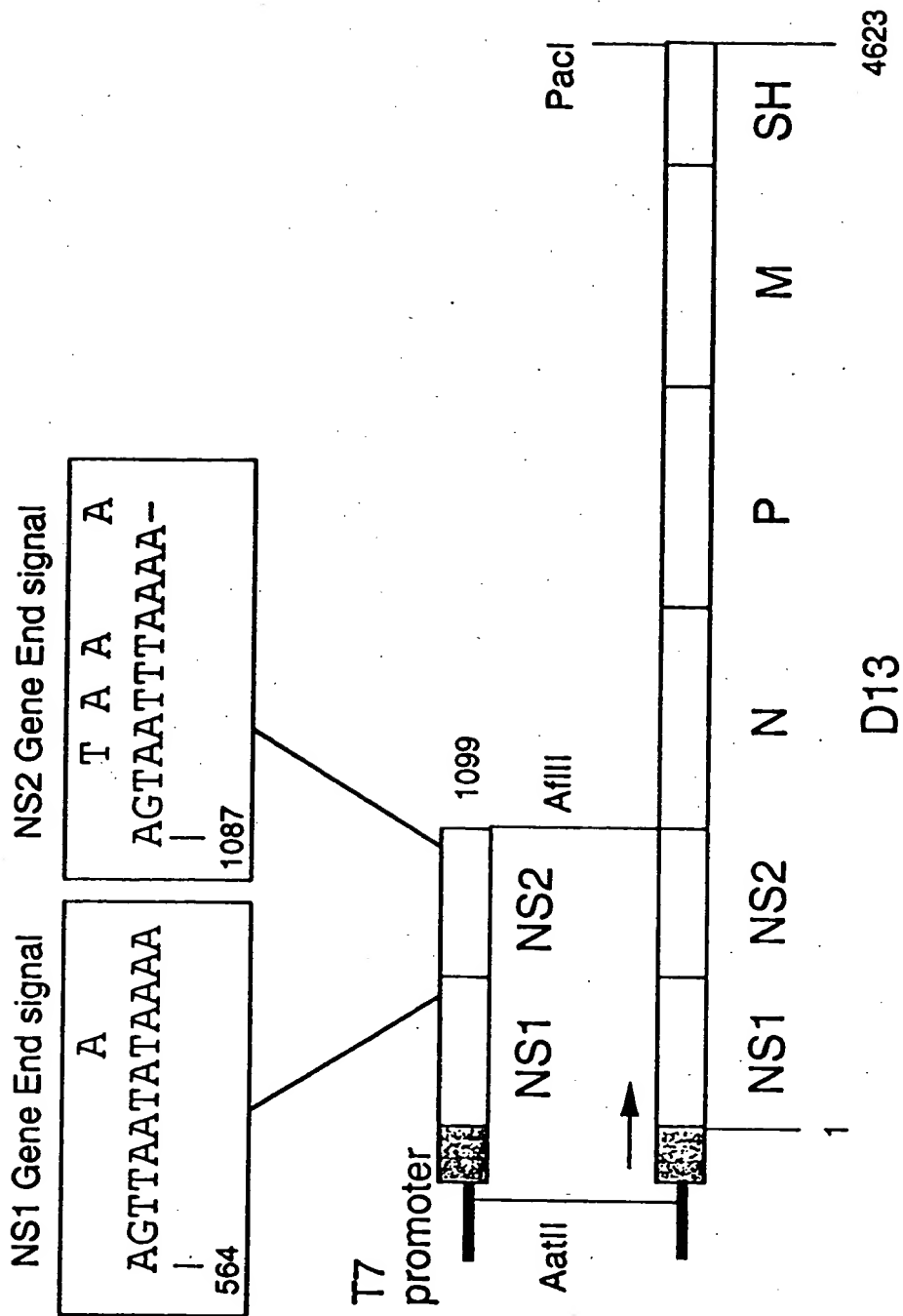
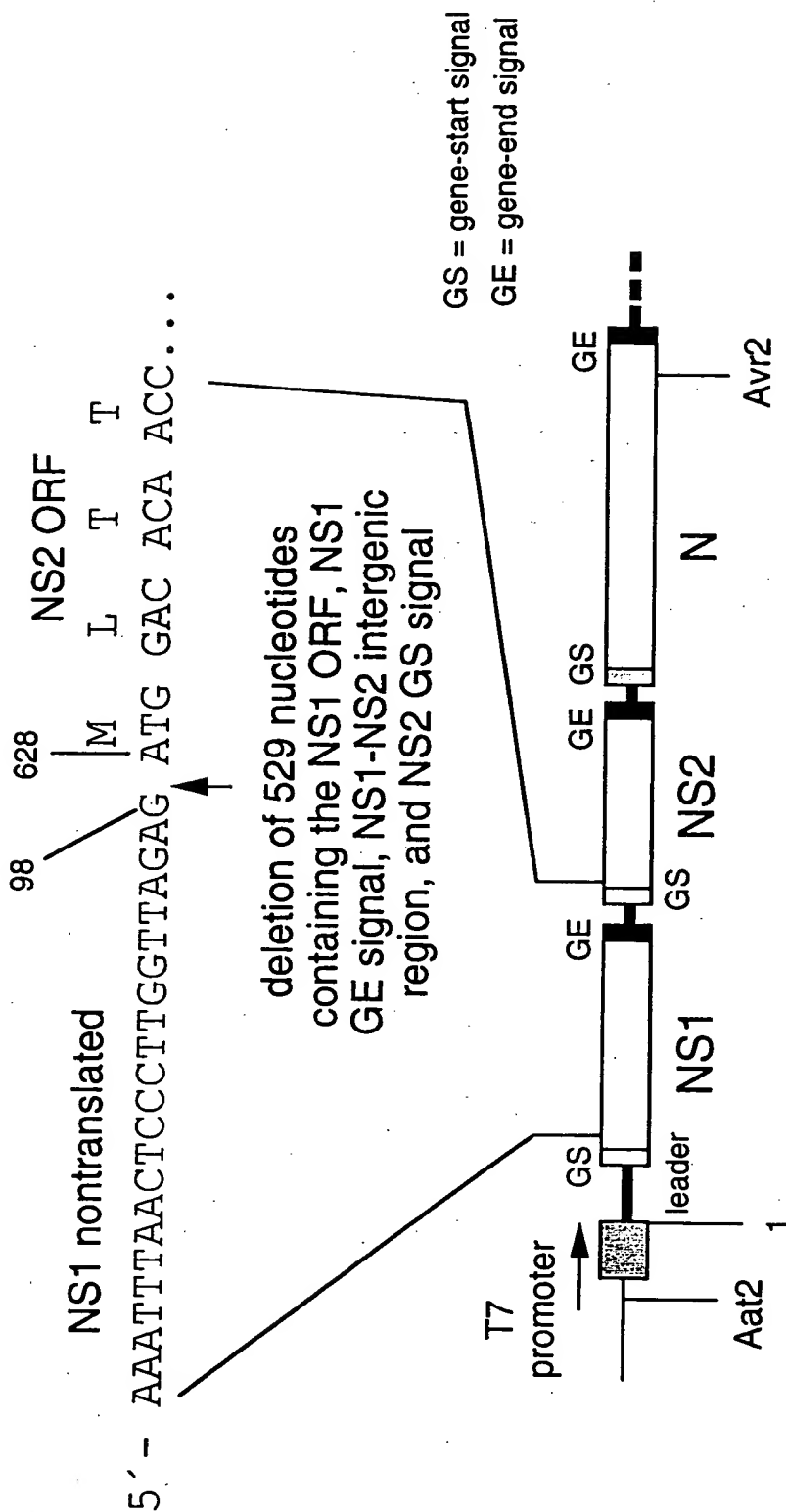


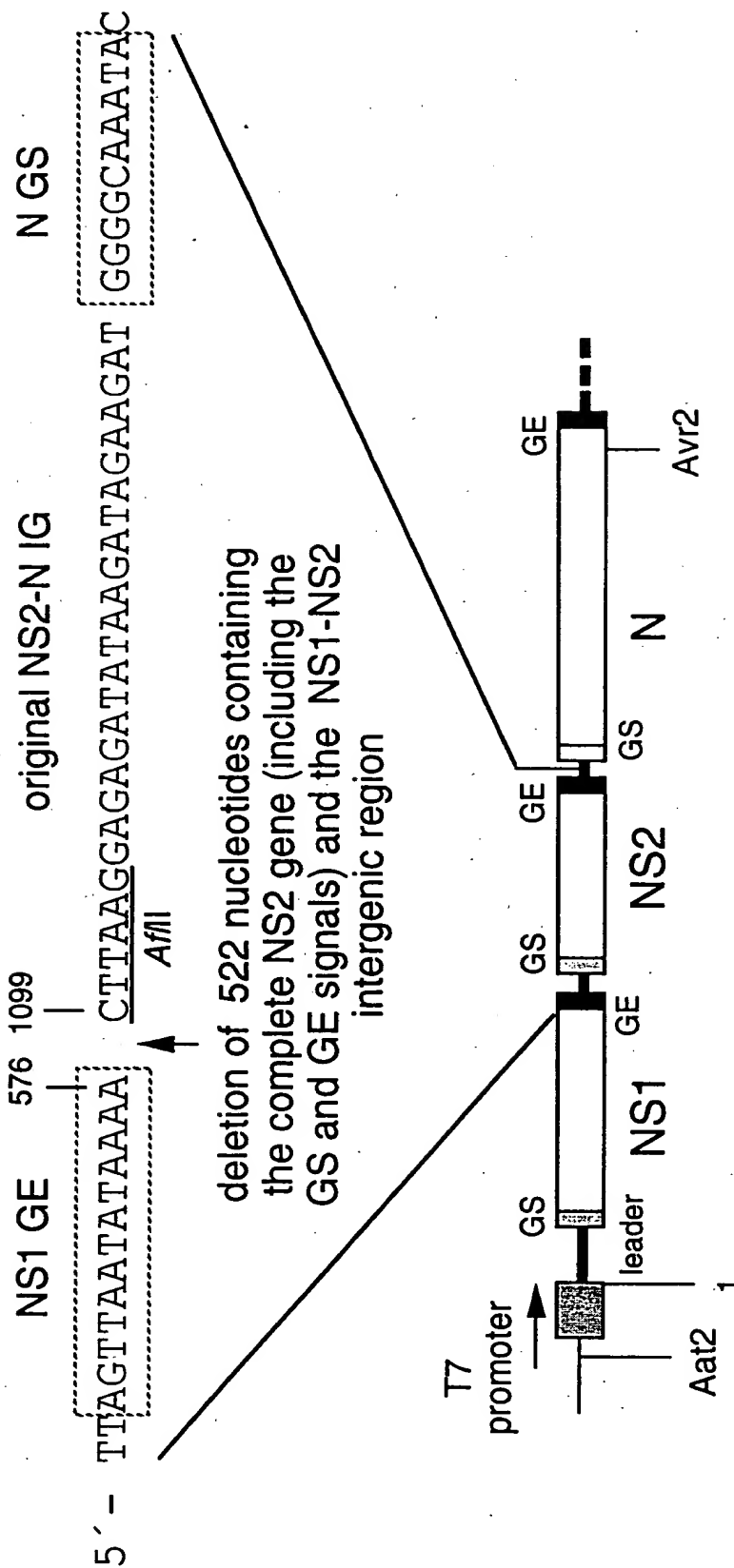
Fig. 20

Modification of the Gene End (GE) signals of the NS1 and NS2 genes.

Fig. 21



Deletion of the NS1 gene. The deletion (arrow) begins immediately upstream of the NS1 ATG and extends to immediately upstream of the NS2 ATG. Note: only the first three genes of the cDNA insert of plasmid D13 are shown. Numbering is from the first nucleotide of the leader region.



Deletion of the NS2 gene. The deletion (arrow) begins after the NS1 gene and extends to immediately after the NS2 gene. Note that only the first three genes of the cDNA insert of plasmid D13 are shown.

Fig. 22

Growth Curve of Membrane G Mutants

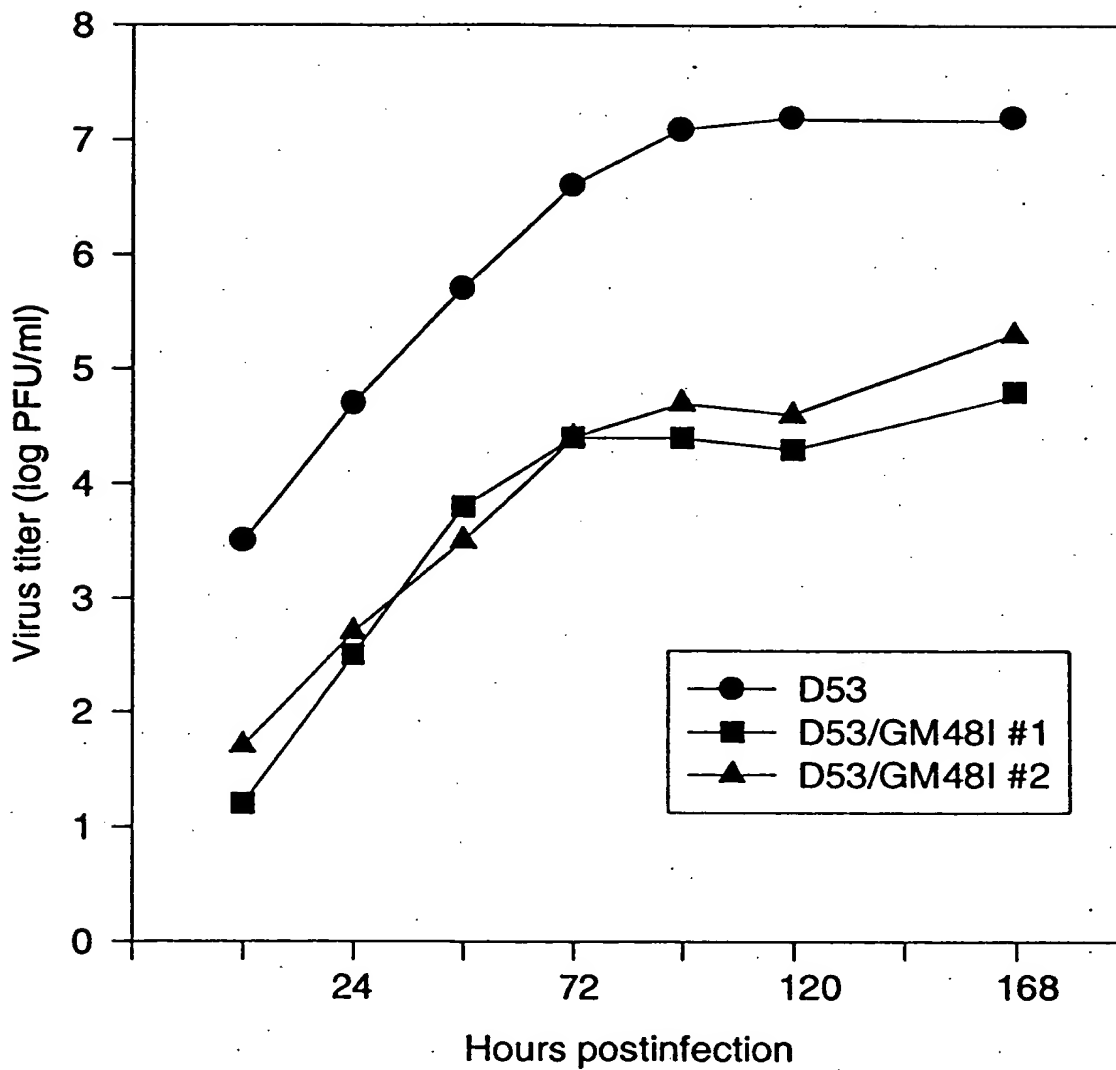


Fig. 24